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(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known, see 37 CFR 1.5

10/069932

INTERNATIONAL APPLICATION NO.

PCT/JP00/06310

INTERNATIONAL FILING DATE

09/14/2000

PRIORITY DATE CLAIMED

11/15/1999

TITLE OF INVENTION

HAT WITH SHADING COVER AND HOOD WITH SHADING COVER

APPLICANT(S) FOR DO/EO/US

Toyohiro KOBAYASHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

U.S. APPLICATION NO. 107089932 INTERNATIONAL APPLICATION NO.				ATTORNEY'S DOCKET NUMBER	
21. <input type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 890.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$18.00	\$	
Independent claims	- 3 =		x \$84.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ -445.00	
SUBTOTAL =				\$ 445.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 445.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property .+				\$	
TOTAL FEES ENCLOSED =				\$ 445.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>445.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<u>Toyohiro Kobayashi</u> SIGNATURE					
<u>Toyohiro KOBAYASHI</u> NAME					
_____ REGISTRATION NUMBER					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION

Assistant Commissioner for Patent
Washington, D.C. 20231

Sir:

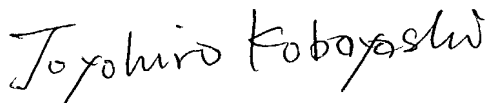
I, Toyohiro KOBAYASHI of 2-11, Sumiredai 2-chome, Yaizu-shi, Shizuoka, hereby declare:

that I am well acquainted with both the English and Japanese languages,

that the attached document is a true and correct translation made by me to the best of my knowledge and belief of: PCT/JP00/06310, and

that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issued thereon.

This 4th day of February, 2002



Toyohiro KOBAYASHI

HAT WITH SHADING COVER AND HOOD WITH SHADING COVER**Technical Field**

5

A hat with a shading cover and hood with a shading cover for protecting the back part of the head and nape of a person under a scorching sun from the direct rays and the heat of the sun and having a cold insulator incorporated therein to keep cool the head and nape of the wearer for a long time.

10

A hood structure having a hair band and a shading cover integrated together and each provided with a cold insulator for doubly cooling the head and nape of the wearer for a long time.

Background Art

15

When people act out in the fields under strong sunlight for a long time, they not only wear a cap on the head but also put a wet towel between the head and the cap in order to avoid having the midsummer sunstroke and having bad sunburn on the back of the neck. However the wet towel gets dry quickly under the strong sunlight and also may be displaced when a strong wind blows. Then, Japanese Utility Model Application No. 61-156545 discloses a "Head Cooling Cap". This cap is installed simply a resin material that absorbs water very well therein and cools the head of the cap wearer by absorbing the heat of a space surrounding the cap. This cap, however, cannot cool the back of the head and neck and protect from strong sunlight. Since it also has to be entirely dipped into water before it is worn and the additional water touches the sensitive forehead and upper portion of the face, such a cap is uncomfortable.

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For the purpose of overcoming the foregoing disadvantages:

1. The surface of the shade cover can be protected to touch the hair a head when in use and receiving thereinto.
2. The shading cover has a cooling material, capable of storing or extracting the shading

[illegible]

3. A hood structure having a hair band and a shading cover integrated together and each provided with a cold insulator for doubly cooling the head and nape of the wearer.

5

Disclosure of the Invention

A structure having a pivot turnable at least one point on a detachable connection part between a hat body and a shading cover made of cloth or the like, and capable of storing or extracting the shading cover into/out of the hat body by turning the shading cover so that one (e.g., rear surface) of the front and rear surfaces of the cover is flush with the surface of the wear's head. Or a convenient structure having, incorporated into a shading cover unit, a cold insulator such as water absorbing fibers impregnating and retaining water to cold-insulate using evaporating heat, and capable of exposing the top of a wearer's head to the outside of the hat body when the shading cover is stored in the hat body and cooling the back part of the head and nape of the wearer when the cover is used for shading.

A hood structure having a hair band and a shading cover integrated together and each provided with a cold insulator for doubly cooling the head and nape of the wearer for a long time.

20 Brief Description of the Drawings

Fig. 1 is a vertical cross section of a cap with a sunshade cover when in use that the sunshade cover is hanging down from a cap body showing a first embodiment of the present invention;

25 Fig. 2 is a cross sectional view showing the way in which the sunshade cover 1 is stored within the cap body 2;

Figs. 3(a) to 3(c) illustrate how to use the cap of the present invention, wherein Fig. 3(a) shows a cap with its sunshade cover hanging down from the cap body; Fig. 3(b) illustrates how

the sunshade cover can be shifted from the hanging position of Fig. 3(a) to the inner position of Fig. 3(c); and Fig. 3(c) depicts the cap with its sunshade cover in the inner position in the cap body;

Fig. 4 is a cross sectional view of a cup formed in the shape of a hat with a sunshade cover showing another feature of the first embodiment of the present invention;

Fig. 5 is an explanation view of a connector 3 that connects removably and rotatably the sunshade cover to the cap body;

Fig. 6 is an explanation view of a hood with a sunshade cover showing a second embodiment of the present invention;

Fig. 7 illustrates the back of the head of a wearer of the hood showing the second embodiment of the present invention; and

Fig. 8 is an explanation view showing the way in which the hood with the sunshade cover is worn over the cap.

15 Description of the Symbol

- 1 Sunshade cover;
- 2 Cap body;
- 3 Connector;
- 20 4 Detachable Velcro's male piece attached to one of opposite ends of shading cover;
- 5 Female piece of Velcro;
- 6 Cold insulator;
- 7 Detachable Velcro's male piece attached to the other end of shading unit (1);
- 8 Brim of hat;
- 25 9 Arrow mark
- 31 Male piece;
- 32 Female piece;
- 41 Face;

- 42 Back of the head and the neck;
61 Front of a headband;
62 Attached portion;
63 Sunshade cover;
5 64 Back portion of a headband;
65 Cooling member installed into the headband;
66 Cooling member installed into the sunshade cover;
67 Head;
68 Back portion of the neck;
10 81 Flange; and
82 Cap body

Best Mode for Carrying out the Invention

15 Referring now to the drawings. Figs. 1 and 2 are vertical cross sections of a cap according to the invention. The cap comprises a cap body 2 and a sunshade cover 1. The cap body 2 has a visor 8. In Fig. 1 the sunshade cover 1 is hanging down from the cap body 2. In contrast, the cover 1 is kept inside the cap body 2 in Fig. 2.

As may be better seen from Fig. 3(a), the cap body 2 is provided with two opposed burred sides 5 and 5' of a Velcro at the inside of its circumferential edge. Similarly, the sunshade cover 1 is provided with two opposed looped sides 4 and 7 of a Velcro at its outside. As shown in Fig. 3(a), the looped side 4 of Velcro of the sunshade cover 1 can be joined with the burred side 5 of Velcro of the cap body 2, and the looped side 7 of Velcro of the cover 1 can be joined with the burred side 5' of Velcro of the cap body 2. The two opposed sides of the sunshade cover 1 can be thus fastened to the cap body 2. In addition, as shown in Figs. 1, 2 and 3(a) to 3(c), the sunshade cover 1 can be also connected to the inside of the cap body 2 by means of a middle connector 3 at its middle portion. This middle connector 3 is passing through openings (not shown) made in the cover 1 and the cap body 2 (Fig. 5).

The sunshade cover 1 has an inner space that contains a relatively small bag of fabric, or cooling member 6 (Figs. 1 and 2), containing a material that absorbs water very well and stitched into the inner space in such a manner that the small bag is accommodated flat in the inner space. And, as such a water-absorbing material to be put into the small bag, one can effectively use, for example, fibers obtained by processing a polymer that contains the sodium salt of polyacrylic acid as a major component.

This cap of the invention can be very effectively used to avoid sunstroke when one is exposed to direct or strong sunlight for a long time. In use, one first dips the sunshade cover 1, only the sunshade cover 1, into water, so that the cooling member 6 thus absorbs the water very well. Then, he or she puts the cap on his or her head with its sunshade cover 1 hanging down from the cap body 2 as shown in Figs. 1 and 3(a). The wearer of the cap is now ready to carry out some activity or sit or stand still for a long time under strong sunlight, because the cooling member 6 absorbs the heat of the space surrounding this member 6 as the water absorbed by the above-mentioned water-absorbing material evaporates under strong sunlight. The sunshade cover 1 thus cools the head of the cap wearer under strong sunlight. To be exact, the sunshade cover 1 cools both the lower part of the back of the head and the back of the neck when that cover 1 is hung down from the cap body 2.

In addition, one can also wear this cap of the invention in order to cool the top of his head under strong sunlight, because the sunshade cover 1 can be shifted from the hanging position of Figs. 3. and 3(a) to an inner position of Figs. 2 and 3(c) in the cap body 2. To shift the cover 1 to this inner position, one first pulls apart the looped fastener element 4 and the burred fastener element 5 and also pulls apart the looped fastener element 7 and the burred fastener element 5'. Then, one turns the sunshade cover 1 in either one of two opposite directions, as shown in Fig. 3(b). In Fig. 3(b) the cover 1 is being turned in a counterclockwise direction 9 when viewed from under the cap. And this turning is done for an angle of 180 degrees, and then this time the looped fastener element 7 is joined with the burred fastener element 5 and the looped fastener element 4 is joined with the burred fastener element 5', as illustrated in Fig. 3(c). The sunshade cover 1 thus can be shifted to the inner position in the cap body 2. In this position the sunshade

$$-\frac{1}{\sqrt{2}} \begin{pmatrix} \frac{\sqrt{2}}{2} & -\frac{\sqrt{2}}{2} \\ \frac{\sqrt{2}}{2} & \frac{\sqrt{2}}{2} \end{pmatrix} = \frac{1}{2} \begin{pmatrix} 1 & -1 \\ 1 & 1 \end{pmatrix}, \quad \frac{1}{\sqrt{2}} \begin{pmatrix} \frac{\sqrt{2}}{2} & \frac{\sqrt{2}}{2} \\ \frac{\sqrt{2}}{2} & -\frac{\sqrt{2}}{2} \end{pmatrix} = \frac{1}{2} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix}$$

The reason why the cover 1 can be turned in such a manner is because of the construction of the middle connector 3. Detailed construction of this connector 3 is shown in Fig.

5.

As illustrated in Fig. 5, this connector 3 comprises a male piece 31 passing through the thickness of the sunshade cover 1 and a female piece 32 passing through the thickness of the cap body 2. The male piece 31 has a projecting portion 31A in the shape of an inverted trapezoid, and the female piece 32 has a complementary recess 32A into which the projecting portion 31A is rotatably fit. Thus the male piece 31 and female piece 32 is mated with each other such that the male piece 31 can be rotated. Thus the sunshade cover 1 can be turned or shifted to the inner position of Fig. 2 by rotating the male piece 31.

In addition, the male piece 31 can be separated from the female piece 32 to detach the sunshade cover 1 from the cap body 2. If it is detached from the cap body 2, one can wear this cap as a usual cap.

It will be appreciated that this cap of the invention is very suitable for, for example, a spectator at a baseball or soccer game played under a burning sun in the height of summer. The wearer of this cap can feel pleasantly cool at the head under such a condition. If a design or pattern is printed on the sunshade cover 1, it is usually printed on the outside of the cover 1. This cover 1 contacts the head of the cap wearer at its inside either when the cap is worn with the cover 1 in the hanging position of Fig. 1 or when it is worn with the cover 1 in the inner position of Fig. 2. Therefore the outside of the cover 1, or the printed side thereof, is not polluted by the cap wearer's hair.

The cap of Figs. 1 to 3(a) is one aspect of a first embodiment of the invention. Fig. 4 depicts another aspect of the first embodiment of the invention. That is, Fig. 4 depicts a hat with a sunshade cover 1. In Fig. 4 the same reference numerals as those of the cap are used to designate parts similar to those of the cap. As with the cap, the sunshade cover 1 of the hat of Fig. 4 contains an inner cooling member 6. The sunshade cover 1 is removably connected to a

can be cleaned.

Industrial Applicability and effect in the second embodiment of the present invention are described.

5 A hood structure having a hair band and a shading cover integrated together and each provided with a cold insulator for doubly cooling the head and nape of the wearer. In addition, It can avoid blowing away, even if a strong wind blows when carrying out sports, such as a triathlon under blazing heat, and fishing in the sea, since it is fixable to a head firmly by wearing a hair band over on a hat. By chilling the back of the head and the neck which manage athletic ability, also pathologically continuation and the sunstroke of the athletic ability under blazing heat
10 are prevented easily, and things can be carried out.

ABSTRACT OF THE INVENTION

A hat with a shading cover and hood with a shading cover for protecting the back part of the head and nape of a person under a scorching sun from the direct rays and the heat of the sun and having a cold insulator incorporated therein to keep cool the head and nape of the wearer for a long time. A structure having a pivot turnable at at least one point on a detachable connection part between a hat body and a shading cover made of cloth or the like, and capable of storing or extracting the shading cover into/out of the hat body by turning the shading cover so that one (e.g., rear surface) of the front and rear surfaces of the cover is flush with the surface of the wear's head. Or a convenient structure having, incorporated into a shading cover unit, a cold insulator such as water absorbing fibers impregnating and retaining water to cold-insulate using evaporating heat, and capable of exposing the top of a wearer's head to the outside of the hat body when the shading cover is stored in the hat body and cooling the back part of the head and nape of the wearer when the cover is used for shading. A hood structure having a hair band and a shading cover integrated together and each provided with a cold insulator for doubly cooling the head and nape of the wearer for a long time.

FIG. 1

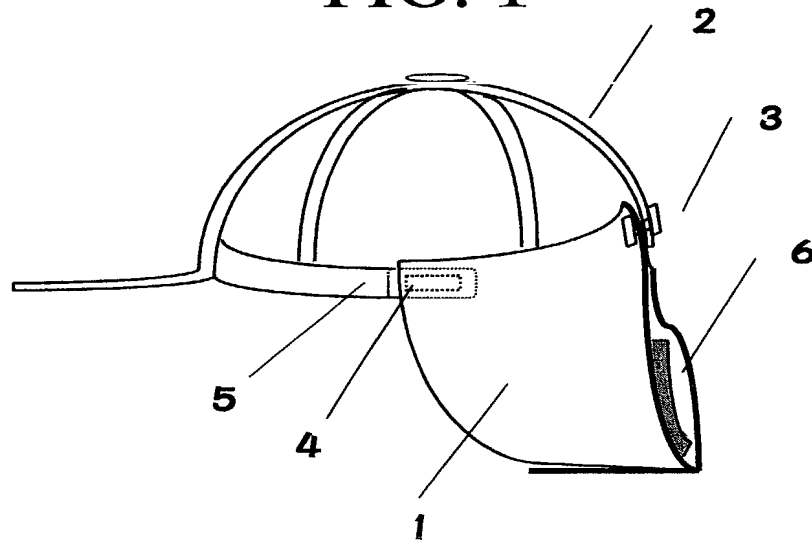
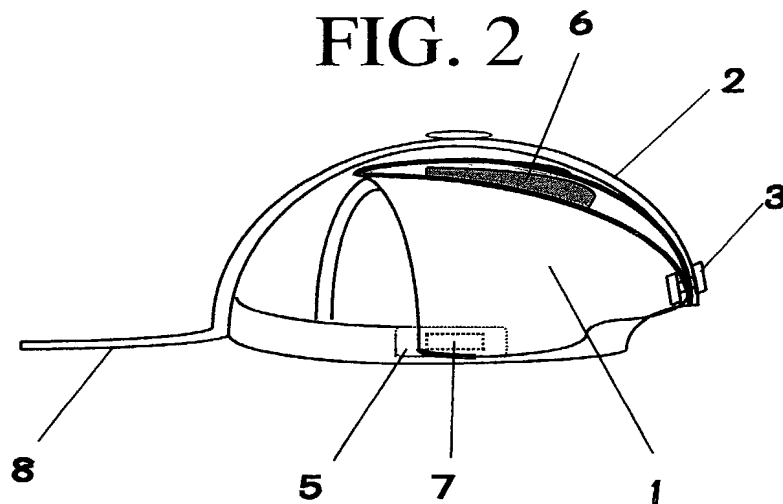


FIG. 2



- 1 Sunshade cover
- 2 Cap body
- 3 Locking pivot
- 4 Detachable Velcro's male piece attached to one of opposite ends of shading cover
- 5,5 Female piece of Velcro
- 6 Cold insulator
- 7 Detachable Velcro's male piece attached to the other end of shading unit (1)
- 8 Brim of hat

FIG. 3 (a)

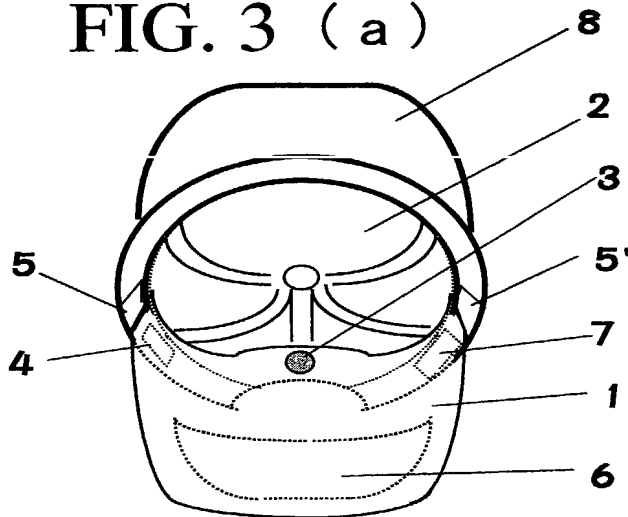


FIG. 3 (b)

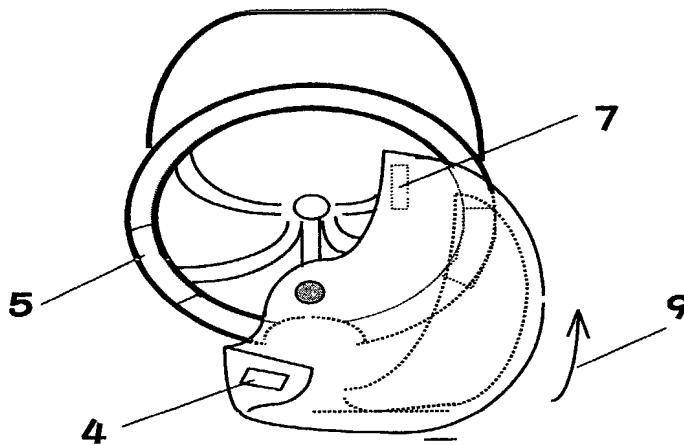
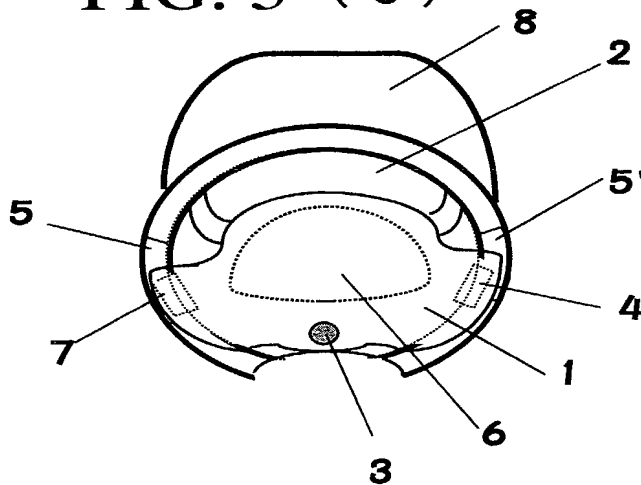


FIG. 3 (c)



- 1 Sunshade cover
- 2 Cap body
- 3 Locking pivot
- 4 Detachable Velcro's male piece attached to one of opposite ends of shading cover
- 5,5 Female piece of Velcro
- 6 Cold insulator
- 7 Detachable Velcro's male piece attached to the other end of shading unit (1)
- 8 Brim of hat
- 9 Arrow mark

FIG. 4

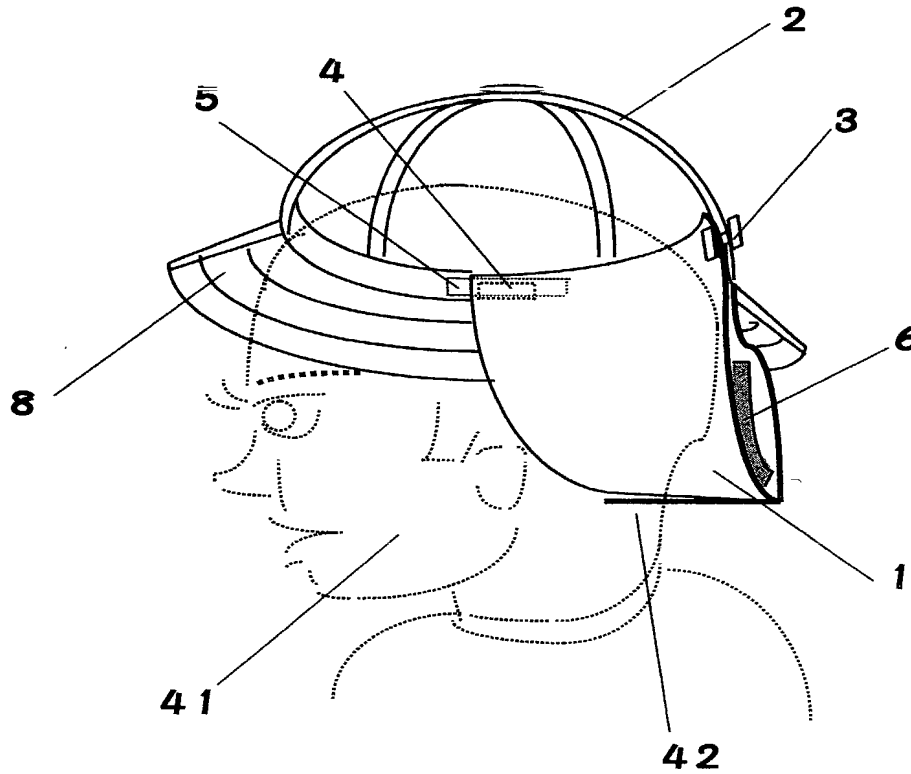
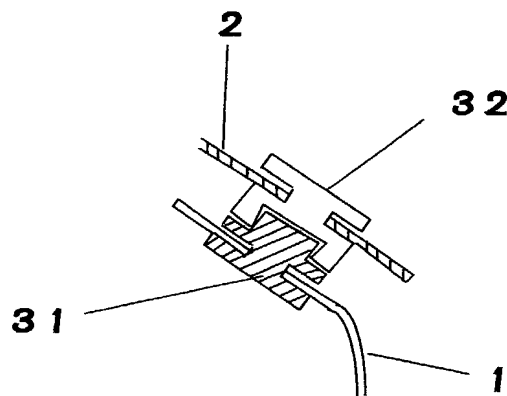


FIG. 5



- 1 Sunshade cover
- 2 Cap body
- 31 Male piece attached to shading cover
- 32 Female piece attached to cap body
- 41 Face
- 42 Back of the head and neck

FIG. 6

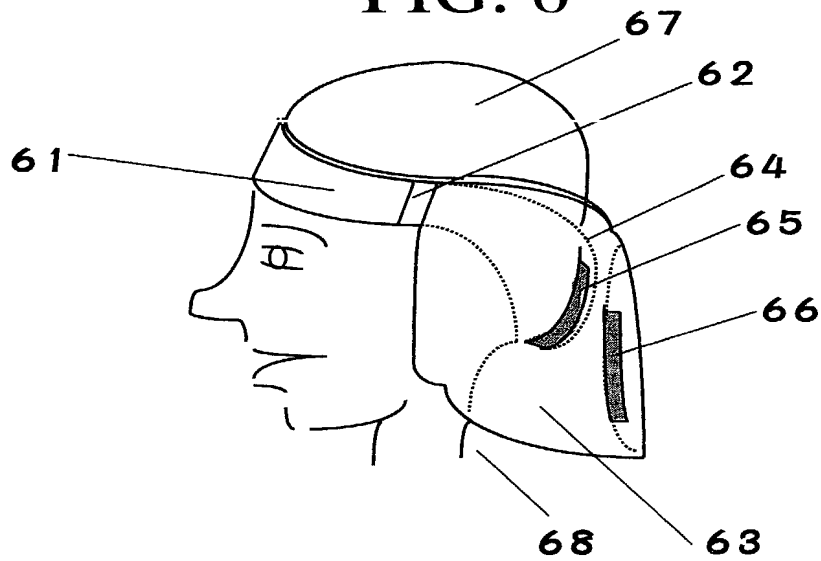
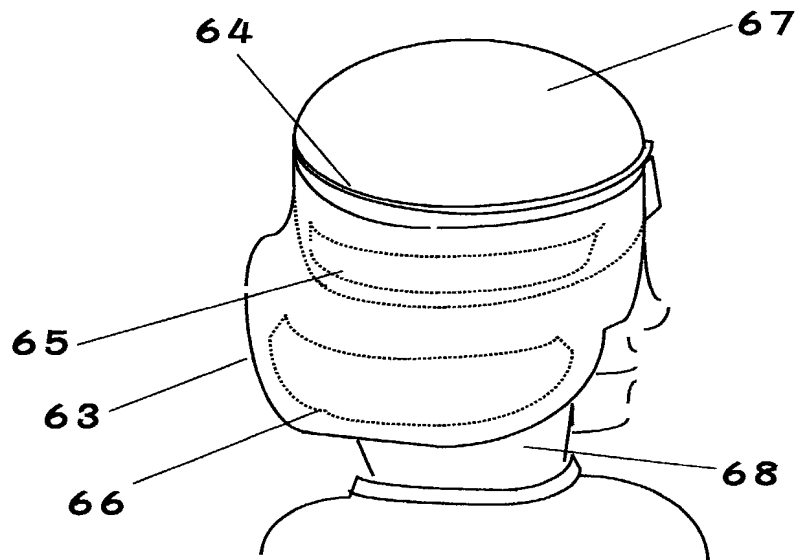
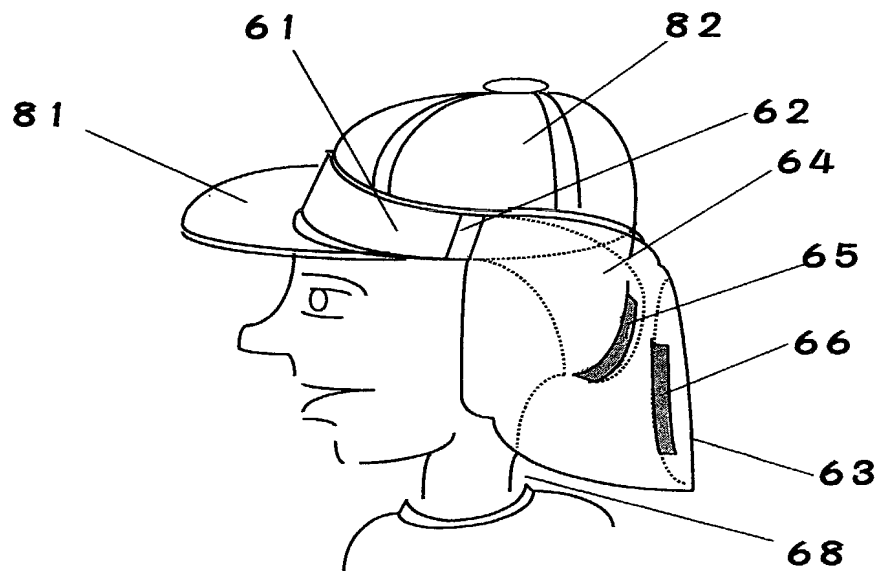


FIG. 7



- 61 Front of a headband
- 62 Attached portion
- 63 Sunshade cover
- 64 Back portion of a headband
- 65 Cooling member installed into headband
- 66 Cooling member installed into sunshade cover
- 67 Head
- 68 Back portion of neck

FIG. 8



- 61 Front of a headband
- 62 Attached portion
- 63 Sunshade cover
- 64 Back portion of a headband
- 65 Cooling member installed into headband
- 66 Cooling member installed into sunshade cover
- 68 Back portion of neck
- 81 Flange
- 82 Cap body

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

First Named Inventor

Toyohiro KOBAYASHI

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HAT WITH SHADING COVER AND HOOD WITH SHADING COVER

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

09/14/2000

as United States Application Number or PCT International

Application Number **PCT/JP00/06310** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
11-361465	JP	11/15/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label <input style="width: 150px;" type="text"/>		OR <input checked="" type="checkbox"/>		Correspondence address below	
Name <u>Toyohiro KOBAYASHI</u>							
Address <u>2-2-11 Sumiredai,</u>							
City <u>Yaizu-shi</u>		State <u>Shizuoka</u>		ZIP <u>425-0053</u>			
Country <u>Japan</u>		Telephone <u>054-623-0208</u>		Fax <u>054-623-0208</u>			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any]) <u>Toyohiro</u>		Family Name or Surname <u>KOBAYASHI</u>					
Inventor's Signature <u>Toyohiro Kobayashi JPX</u>		Date <u>02/04/2002</u>					
Residence: City <u>Yaizu-shi</u>		State <u>Shizuoka</u>		Country <u>Japan</u>		Citizenship <u>Japanese</u>	
Mailing Address <u>2-2-11 Sumiredai</u>							
City <u>Yaizu-shi</u>		State <u>Shizuoka</u>		ZIP <u>425-0053</u>		Country <u>Japan</u>	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature		Date					
Residence: City		State		Country		Citizenship	
Mailing Address							
City		State		ZIP		Country	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							